Metrisches ISO-Gewinde

Grenzmaße für Feingewinde von 25 bis 52 mm Nenndurchmesser mit gebräuchlichen Toleranzfeldern

DIN 13 Blatt 22

ISO metric fine threads from 25 to 52 mm diameter; limits

Filetages métriques ISO à pas fin du diamètre de 25 à 52 mm; dimensions limits

Teilweise Ersatz für DIN 13 Blatt 43 und DIN 13 Blatt 44

Maße in mm

Die Grenzmaße der Feingewinde mit den gebräuchlichen Toleranzfeldern (siehe DIN 13 Blatt 14) sind aus den Gewinde-Nennmaßen nach DIN 13 Blatt 2 bis Blatt 9 und den Abmaßen und Toleranzen nach DIN 13 Blatt 15 errechnet worden. Grenzmaße für Gewinde nach Toleranzfeldern, die in dieser Norm nicht enthalten sind, können aus den Abmaßen nach DIN 13 Blatt 27 (z. Z. noch Entwurf) errechnet werden.

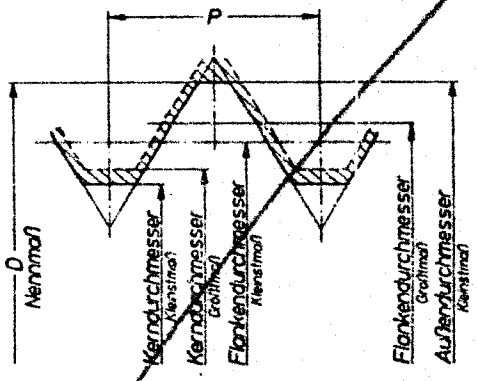

Bild 1. Muttergewinde in Toleranzlage H

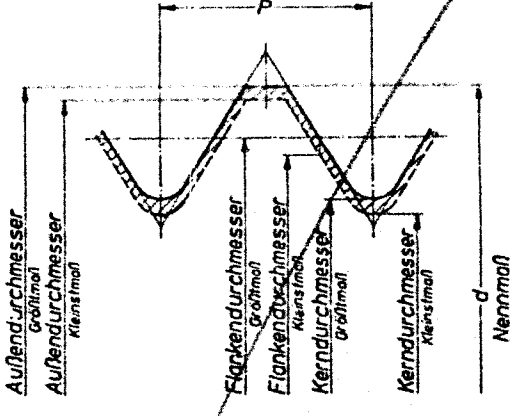

Bild 2. Bolzengewinde in Toleranzlage h

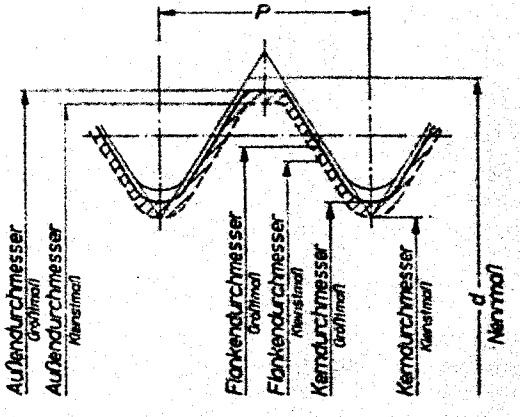

Bild 3. Bolzengewinde in Toleranzlage g

Fortsetzung Seite 2 bis 10

Ausschuß Gewinde im Deutschen Normenausschuß (DNA)

Frühere Ausgaben: DIN 13 Blatt 43: 8.65 DIN 13 Blatt 44: 3.66

Nachdruck, auch auszugsweise, nur mit Genehmigung des Deutschen Normenausschusses, Berlin 30, gestattet.

Änderung Februar 1973: Gegenüber DIN 13 Blatt 43 und DIN 13 Blatt 44 Norm vollständig überarbeitet und den geltenden ISO-Empfehlungen angepaßt; siehe auch Erläuterungen zu DIN 13 Blatt 1.

Alleinverkauf der Normblätter durch Beuth-Vertrieb GmbH, Berlin 30 und Köln
2.73

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
	0,35	4H	25,000	24,773	24,844	24,621	24,684	4h	25,000	24,947	24,773	24,720	24,571	24,493
	0,35							6g	24,981	24,896	24,754	24,669	24,552	24,442
	0,5	5H	25,000	24,675	24,755	24,459	24,571	4h	25,000	24,933	24,675	24,615	24,387	24,291
	0,5	6H	25,000	24,675	24,800	24,459	24,599	6g	24,980	24,874	24,655	24,560	24,367	24,236
	0,75	5H	25,000	24,513	24,631	24,188	24,338	4h	25,000	24,910	24,513	24,442	24,080	23,955
	0,75	6H	25,000	24,513	24,663	24,188	24,378	6g	24,978	24,838	24,491	24,379	24,058	23,892
	0,75	7H	25,000	24,513	24,703	24,188	24,424							
25	1	5H	25,000	24,350	24,482	23,917	24,107	4h	25,000	24,888	24,350	24,270	23,773	23,621
	1	6H	25,000	24,350	24,520	23,917	24,153	6g	24,974	24,794	24,324	24,199	23,747	23,550
	1	7H	25,000	24,350	24,562	23,917	24,217	8g	24,974	24,694	24,324	24,124	23,747	23,475
	1,5	5H	25,000	24,026	24,186	23,376	23,612	4h	25,000	24,850	24,026	23,931	23,160	22,957
	1,5	6H	25,000	24,026	24,226	23,376	23,676	6g	24,968	24,732	23,994	23,844	23,128	22,870
	1,5	7H	25,000	24,026	24,276	23,376	23,751	8g	24,968	24,593	23,994	23,758	23,128	22,784
	2	5H	25,000	23,701	23,881	22,835	23,135	4h	25,000	24,820	23,701	23,595	22,546	22,296
	2	6H	25,000	23,701	23,925	22,835	23,210	6g	24,962	24,682	23,663	23,493	22,508	22,194
	2	7H	25,000	23,701	23,981	22,835	23,310	8g	24,962	24,512	23,663	23,398	22,508	22,099
25,5	0,5	5H	25,500	25,175	25,255	24,959	25,071	4h	25,500	25,433	25,175	25,115	24,887	24,791
	0,5	6H	25,500	25,175	25,300	24,959	25,099	6g	25,480	25,374	25,155	25,060	24,867	24,736
	0,35	4H	26,000	25,773	25,844	25,621	25,684	4h	26,000	25,947	25,773	25,720	25,571	25,493
	0,35							6g	25,981	25,896	25,754	25,669	25,552	25,442
	0,5	5H	26,000	25,675	25,755	25,459	25,571	4h	26,000	25,933	25,675	25,615	25,387	25,291
	0,5	6H	26,000	25,675	25,800	25,459	25,599	6g	25,980	25,874	25,655	25,560	25,367	25,236
	0,75	5H	26,000	25,513	25,631	25,188	25,338	4h	26,000	25,910	25,513	25,442	25,080	24,955
	0,75	6H	26,000	25,513	25,663	25,188	25,378	6g	25,978	25,838	25,491	25,379	25,058	24,892
	0,75	7H	26,000	25,513	25,703	25,188	25,424							
26	1	5H	26,000	25,350	25,482	24,917	25,107	4h	26,000	25,888	25,350	25,270	24,773	24,621
	1	6H	26,000	25,350	25,520	24,917	25,153	6g	25,974	25,794	25,324	25,199	24,747	24,550
	1	7H	26,000	25,350	25,562	24,917	25,217	8g	25,974	25,694	25,324	25,124	24,747	24,475
	1,5	5H	26,000	25,026	25,186	24,376	24,612	4h	26,000	25,850	25,026	24,931	24,160	23,957
	1,5	6H	26,000	25,026	25,226	24,376	24,676	6g	25,968	25,732	24,994	24,844	24,128	23,870
	1,5	7H	26,000	25,026	25,276	24,376	24,751	8g	25,968	25,593	24,994	24,758	24,128	23,784
	2	5H	26,000	24,701	24,881	23,835	24,135	4h	26,000	25,820	24,701	24,595	23,546	23,296
	2	6H	26,000	24,701	24,925	23,835	24,210	6g	25,962	25,682	24,663	24,493	23,508	23,194
	2	7H	26,000	24,701	24,981	23,835	24,310	8g	25,962	25,512	24,663	24,398	23,508	23,099
26,5	0,5	5H	26,500	26,175	26,255	25,959	26,071	4h	26,500	26,433	26,175	26,115	25,887	25,791
	0,5	6H	26,500	26,175	26,300	25,959	26,099	6g	26,480	26,374	26,155	26,060	25,867	25,736
	0,35	4H	27,000	26,773	26,844	26,621	26,684	4h	27,000	26,947	26,773	26,720	26,571	26,493
	0,35							6g	26,981	26,896	26,754	26,669	26,552	26,442
	0,5	5H	27,000	26,675	26,755	26,459	26,571	4h	27,000	26,933	26,675	26,615	26,387	26,291
	0,5	6H	27,000	26,675	26,800	26,459	26,599	6g	26,980	26,874	26,655	26,560	26,367	26,236
	0,75	5H	27,000	26,513	26,631	26,188	26,338	4h	27,000	26,910	26,513	26,442	26,080	25,955
	0,75	6H	27,000	26,513	26,663	26,188	26,378	6g	26,978	26,838	26,491	26,379	26,058	25,892
	0,75	7H	27,000	26,513	26,703	26,188	26,424							
27	1	5H	27,000	26,350	26,482	25,917	26,107	4h	27,000	26,888	26,350	26,270	25,773	25,621
	1	6H	27,000	26,350	26,520	25,917	26,153	6g	26,974	26,794	26,324	26,199	25,747	25,550
	1	7H	27,000	26,350	26,562	25,917	26,217	8g	26,974	26,694	26,324	26,124	25,747	25,475
	1,5	5H	27,000	26,026	26,186	25,376	25,612	4h	27,000	26,850	26,026	25,931	25,160	24,957
	1,5	6H	27,000	26,026	26,226	25,376	25,676	6g	26,968	26,732	25,994	25,844	25,128	24,870
	1,5	7H	27,000	26,026	26,276	25,376	25,751	8g	26,968	26,593	25,994	25,758	25,128	24,784
	2	5H	27,000	25,701	25,881	24,835	25,135	4h	27,000	26,820	25,701	25,595	24,546	24,296
	2	6H	27,000	25,701	25,925	24,835	25,210	6g	26,962	26,682	25,663	25,493	24,508	24,194
	2	7H	27,000	25,701	25,981	24,835	25,310	8g	26,962	26,512	25,663	25,398	24,508	24,099
27,5	0,5	5H	27,500	27,175	27,275	26,959	27,071	4h	27,500	27,433	27,175	27,115	26,887	26,791
	0,5	6H	27,500	27,175	27,300	26,959	27,099	6g	27,480	27,374	27,155	27,060	26,867	26,736

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Außendurchmesser D Kleinstmaß	Flankendurchmesser D_2 Kleinstmaß	Flankendurchmesser D_2 Größtmaß	Kerndurchmesser D_1 Kleinstmaß	Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Außendurchmesser d Größtmaß	Außendurchmesser d Kleinstmaß	Flankendurchmesser d_2 Größtmaß	Flankendurchmesser d_2 Kleinstmaß	Kerndurchmesser d_3 Größtmaß	Kerndurchmesser d_3 Kleinstmaß
28	0,35	4H	28,000	27,773	27,844	27,621	27,684	4h	28,000	27,947	27,773	27,720	27,571	27,493
	0,35							6g	27,981	27,896	27,754	27,669	27,552	27,442
	0,5	5H	28,000	27,675	27,775	27,459	27,571	4h	28,000	27,933	27,675	27,615	27,387	27,291
	0,5	6H	28,000	27,675	27,800	27,459	27,599	6g	27,980	27,874	27,655	27,560	27,367	27,236
	0,75	5H	28,000	27,513	27,631	27,188	27,338	4h	28,000	27,910	27,513	27,442	27,080	26,955
	0,75	6H	28,000	27,513	27,663	27,188	27,378	6g	27,978	27,838	27,491	27,379	27,058	26,892
	0,75	7H	28,000	27,513	27,703	27,188	27,424							
	1	5H	28,000	27,350	27,482	26,917	27,107	4h	28,000	27,888	27,350	27,270	26,773	26,621
	1	6H	28,000	27,350	27,520	26,917	27,153	6g	27,974	27,794	27,324	27,199	26,747	26,550
	1	7H	28,000	27,350	27,562	26,917	27,217	8g	27,974	27,694	27,324	27,124	26,747	26,475
	1,5	5H	28,000	27,026	27,186	26,376	26,612	4h	28,000	27,850	27,026	26,931	26,160	25,957
	1,5	6H	28,000	27,026	27,226	26,376	26,676	6g	27,968	27,732	26,994	26,844	26,128	25,870
	1,5	7H	28,000	27,026	27,276	26,376	26,751	8g	27,968	27,593	26,994	26,758	26,128	25,784
	2	5H	28,000	26,701	26,881	25,835	26,135	4h	28,000	27,820	26,701	26,595	25,546	25,296
	2	6H	28,000	26,701	26,925	25,835	26,210	6g	27,962	27,682	26,663	26,493	25,508	25,194
	2	7H	28,000	26,701	26,981	25,835	26,310	8g	27,962	27,512	26,663	26,398	25,508	25,099
	3	5H	28,000	26,051	26,263	24,752	25,152	4h	28,000	27,764	26,051	25,926	24,319	23,978
	3	6H	28,000	26,051	26,316	24,752	25,252	6g	27,952	27,577	26,003	25,803	24,271	23,855
	3	7H	28,000	26,051	26,386	24,752	25,382	8g	27,952	27,352	26,003	25,688	24,271	23,740
28,5	0,5	5H	28,500	28,175	28,275	27,959	28,071	4h	28,500	28,433	28,175	28,115	27,887	27,791
	0,5	6H	28,500	28,175	28,300	27,959	28,099	6g	28,480	28,374	28,155	28,060	27,867	27,736
29	0,35	4H	29,000	28,773	28,844	28,621	28,684	4h	29,000	28,947	28,773	28,720	28,571	28,493
	0,35							6g	28,981	28,896	28,754	28,669	28,552	28,442
	0,5	5H	29,000	28,675	28,775	28,459	28,571	4h	29,000	28,933	28,675	28,615	28,387	28,291
	0,5	6H	29,000	28,675	28,800	28,459	28,599	6g	28,980	28,874	28,655	28,560	28,367	28,236
	0,75	5H	29,000	28,513	28,631	28,188	28,338	4h	29,000	28,910	28,513	28,442	28,080	27,955
	0,75	6H	29,000	28,513	28,663	28,188	28,378	6g	28,978	28,838	28,491	28,379	28,058	27,892
	0,75	7H	29,000	28,513	28,703	28,188	28,424							
	1	5H	29,000	28,350	28,482	27,917	28,107	4h	29,000	28,888	28,350	28,270	27,773	27,621
	1	6H	29,000	28,350	28,520	27,917	28,153	6g	28,974	28,794	28,324	28,199	27,747	27,550
	1	7H	29,000	28,350	28,562	27,917	28,217	8g	28,974	28,694	28,324	28,124	27,747	27,475
	1,5	5H	29,000	28,026	28,186	27,376	27,612	4h	29,000	28,850	28,026	27,931	27,160	26,957
	1,5	6H	29,000	28,026	28,226	27,376	27,676	6g	28,968	28,732	27,994	27,844	27,128	26,870
	1,5	7H	29,000	28,026	28,276	27,376	27,751	8g	28,968	28,593	27,994	27,758	27,128	26,784
29,5	0,5	5H	29,500	29,175	29,275	28,959	29,071	4h	29,500	29,433	29,175	29,115	28,887	28,791
	0,5	6H	29,500	29,175	29,300	28,959	29,099	6g	29,480	29,374	29,155	29,060	28,867	28,736
30	0,35	4H	30,000	29,773	29,844	29,621	29,684	4h	30,000	29,947	29,773	29,720	29,571	29,493
	0,35							6g	29,981	29,896	29,754	29,669	29,552	29,442
	0,5	5H	30,000	29,675	29,775	29,459	29,571	4h	30,000	29,933	29,675	29,615	29,387	29,291
	0,5	6H	30,000	29,675	29,800	29,459	29,599	6g	29,980	29,874	29,655	29,560	29,367	29,236
	0,75	5H	30,000	29,513	29,631	29,188	29,338	4h	30,000	29,910	29,513	29,442	29,080	28,955
	0,75	6H	30,000	29,513	29,663	29,188	29,378	6g	29,978	29,838	29,491	29,379	29,058	28,892
	0,75	7H	30,000	29,513	29,703	29,188	29,424							
	1	5H	30,000	29,350	29,482	28,917	29,107	4h	30,000	29,888	29,350	29,270	28,773	28,621
	1	6H	30,000	29,350	29,520	28,917	29,153	6g	29,974	29,794	29,324	29,199	28,747	28,550
	1	7H	30,000	29,350	29,562	28,917	29,217	8g	29,974	29,694	29,324	29,124	28,747	28,475
	1,5	5H	30,000	29,026	29,186	28,376	28,612	4h	30,000	29,850	29,026	28,931	28,160	27,957
	1,5	6H	30,000	29,026	29,226	28,376	28,676	6g	29,968	29,732	28,994	28,844	28,128	27,870
	1,5	7H	30,000	29,026	29,276	28,376	28,751	8g	29,968	29,593	28,994	28,758	28,128	27,784
	2	5H	30,000	28,701	28,881	27,835	28,135	4h	30,000	29,820	28,701	28,595	27,546	27,296
	2	6H	30,000	28,701	28,925	27,835	28,210	6g	29,962	29,682	28,663	28,493	27,508	27,194
	2	7H	30,000	28,701	28,981	27,835	28,310	8g	29,962	29,512	28,663	28,398	27,508	27,099
	3	5H	30,000	28,051	28,263	26,752	27,152	4h	30,000	29,764	28,051	27,926	26,319	25,978
	3	6H	30,000	28,051	28,316	26,752	27,252	6g	29,952	29,577	28,003	27,803	26,271	25,855
	3	7H	30,000	28,051	28,386	26,752	27,382	8g	29,952	29,352	28,002	27,688	26,271	25,740

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
30,5	0,5	5H	30,500	30,175	30,275	29,959	30,071	4h	30,500	30,433	30,175	30,115	29,887	29,791
	0,5	6H	30,500	30,175	30,300	29,959	30,099	6g	30,480	30,374	30,155	30,060	29,867	29,736
31	0,35	4H	31,000	30,773	30,844	30,621	30,684	4h	31,000	30,947	30,773	30,720	30,571	30,493
	0,35							6g	30,981	30,896	30,754	30,669	30,552	30,442
	0,5	5H	31,000	30,675	30,775	30,459	30,571	4h	31,000	30,933	30,675	30,615	30,387	30,291
	0,5	6H	31,000	30,675	30,800	30,459	30,599	6g	30,980	30,874	30,655	30,560	30,367	30,236
	0,75	5H	31,000	30,513	30,631	30,188	30,338	4h	31,000	30,910	30,513	30,442	30,080	29,955
	0,75	6H	31,000	30,513	30,663	30,188	30,378	6g	30,978	30,838	30,491	30,379	30,058	29,892
	0,75	7H	31,000	30,513	30,703	30,188	30,424							
	1	5H	31,000	30,350	30,482	29,917	30,107	4h	31,000	30,888	30,350	30,270	29,773	29,621
	1	6H	31,000	30,350	30,520	29,917	30,153	6g	30,974	30,794	30,324	30,199	29,747	29,550
	1	7H	31,000	30,350	30,562	29,917	30,217	8g	30,974	30,694	30,324	30,124	29,747	29,475
	1,5	5H	31,000	30,026	30,186	29,376	29,612	4h	31,000	30,850	30,026	29,931	29,160	28,957
	1,5	6H	31,000	30,026	30,226	29,376	29,676	6g	30,968	30,732	29,994	29,844	29,128	28,870
	1,5	7H	31,000	30,026	30,276	29,376	29,751	8g	30,968	30,593	29,994	29,758	29,128	28,784
31,5	0,5	5H	31,500	31,175	31,275	30,959	31,071	4h	31,500	31,433	31,175	31,115	30,887	30,791
	0,5	6H	31,500	31,175	31,300	30,959	31,099	6g	31,480	31,374	31,155	31,060	30,867	30,736
32	0,35	4H	32,000	31,773	31,844	31,621	31,684	4h	32,000	31,947	31,773	31,720	31,571	31,493
	0,35							6g	31,981	31,896	31,754	31,669	31,552	31,442
	0,5	5H	32,000	31,675	31,775	31,459	31,571	4h	32,000	31,933	31,675	31,615	31,387	31,291
	0,5	6H	32,000	31,675	31,800	31,459	31,599	6g	31,980	31,874	31,655	31,560	31,367	31,236
	0,75	5H	32,000	31,513	31,631	31,188	31,338	4h	32,000	31,910	31,513	31,442	31,080	30,955
	0,75	6H	32,000	31,513	31,663	31,188	31,378	6g	31,978	31,838	31,491	31,379	31,058	30,892
	0,75	7H	32,000	31,513	31,703	31,188	31,42							
	1	5H	32,000	31,350	31,482	30,917	31,107	4h	32,000	31,888	31,350	31,270	30,773	30,621
	1	6H	32,000	31,350	31,520	30,917	31,153	6g	31,974	31,794	31,324	31,199	30,747	30,550
	1	7H	32,000	31,350	31,562	30,917	31,217	8g	31,974	31,694	31,324	31,124	30,747	30,475
	1,5	5H	32,000	31,026	31,186	30,376	30,612	4h	32,000	31,850	31,026	30,931	30,160	29,957
	1,5	6H	32,000	31,026	31,226	30,376	30,676	6g	31,968	31,732	30,994	30,844	30,128	29,870
	1,5	7H	32,000	31,026	31,276	30,376	30,751	8g	31,968	31,593	30,994	30,758	30,128	29,784
	2	5H	32,000	30,701	30,881	29,835	30,135	4h	32,000	31,820	30,701	30,595	29,546	29,296
	2	6H	32,000	30,701	30,925	29,835	30,210	6g	31,962	31,682	30,663	30,493	29,508	29,194
	2	7H	32,000	30,701	30,981	29,835	30,310	8g	31,962	31,512	30,663	30,398	29,508	29,099
	3	5H	32,000	30,051	30,263	28,752	29,152	4h	32,000	31,764	30,051	29,926	28,319	27,978
	3	6H	32,000	30,051	30,316	28,752	29,252	6g	31,952	31,577	30,003	29,803	28,271	27,855
	3	7H	32,000	30,051	30,386	28,752	29,382	8g	31,952	31,352	30,003	29,688	28,271	27,740
32,5	0,5	5H	32,500	32,175	32,275	31,959	32,071	4h	32,500	32,433	32,175	32,115	31,887	31,791
	0,5	6H	32,500	32,175	32,300	31,959	32,099	6g	32,480	32,374	32,155	32,060	31,867	31,736
33	0,35	4H	33,000	32,773	32,844	32,621	32,684	4h	33,000	32,947	32,773	32,720	32,571	32,493
	0,35							6g	32,981	32,896	32,754	32,669	32,552	32,442
	0,5	5H	33,000	32,675	32,775	32,459	32,571	4h	33,000	32,933	32,675	32,615	32,387	32,291
	0,5	6H	33,000	32,675	32,800	32,459	32,599	6g	32,980	32,874	32,655	32,560	32,367	32,236
	0,75	5H	33,000	32,513	32,631	32,188	32,338	4h	33,000	32,910	32,513	32,442	32,080	31,955
	0,75	6H	33,000	32,513	32,663	32,188	32,378	6g	32,978	32,838	32,491	32,379	32,058	31,892
	0,75	7H	33,000	32,513	32,703	32,188	32,424							
	1	5H	33,000	32,350	32,482	31,917	32,107	4h	33,000	32,888	32,350	32,270	31,773	31,621
	1	6H	33,000	32,350	32,520	31,917	32,153	6g	32,974	32,794	32,324	32,199	31,747	31,550
	1	7H	33,000	32,350	32,562	31,917	32,217	8g	32,974	32,694	32,324	32,124	31,747	31,475
	1,5	5H	33,000	32,026	32,186	31,376	31,612	4h	33,000	32,850	32,026	31,931	31,160	30,957
	1,5	6H	33,000	32,026	32,226	31,376	31,676	6g	32,968	32,732	31,994	31,844	31,128	30,870
	1,5	7H	33,000	32,026	32,276	31,376	31,751	8g	32,968	32,593	31,994	31,758	31,128	30,784
	2	5H	33,000	31,701	31,881	30,835	31,135	4h	33,000	32,820	31,701	31,595	30,546	30,296
	2	6H	33,000	31,701	31,925	30,835	31,210	6g	32,962	32,682	31,663	31,493	30,508	30,194
	2	7H	33,000	31,701	31,981	30,835	31,310	8g	32,962	32,512	31,663	31,398	30,508	30,099
	3	5H	33,000	31,051	31,263	29,752	30,152	4h	33,000	32,764	31,051	30,926	29,319	28,978
	3	6H	33,000	31,051	31,316	29,752	30,252	6g	32,952	32,577	31,003	30,803	29,271	28,855
	3	7H	33,000	31,051	31,386	29,752	30,382	8g	32,952	32,352	31,003	30,688	29,271	28,740

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
33,5	0,5	5H	33,500	33,175	33,275	32,959	33,071	4h	33,500	33,433	33,175	33,115	32,887	32,791
	0,5	6H	33,500	33,175	33,300	32,959	33,099	6g	33,480	33,374	33,155	33,060	32,867	32,736
34	0,35	4H	34,000	33,773	33,844	33,621	33,684	4h	34,000	33,947	33,773	33,720	33,571	33,493
	0,35							6g	33,981	33,896	33,754	33,669	33,552	33,442
	0,5	5H	34,000	33,675	33,775	33,459	33,571	4h	34,000	33,933	33,675	33,615	33,387	33,291
	0,5	6H	34,000	33,675	33,800	33,459	33,599	6g	33,980	33,874	33,655	33,560	33,367	33,236
	0,75	5H	34,000	33,513	33,631	33,188	33,338	4h	34,000	33,910	33,513	33,442	33,080	32,955
	0,75	6H	34,000	33,513	33,663	33,188	33,378	6g	33,978	33,838	33,491	33,379	33,058	32,892
	0,75	7H	34,000	33,513	33,703	33,188	33,424							
	1	5H	34,000	33,350	33,482	32,917	33,107	4h	34,000	33,888	33,350	33,270	32,773	32,621
	1	6H	34,000	33,350	33,520	32,917	33,153	6g	33,974	33,794	33,324	33,199	32,747	32,550
	1	7H	34,000	33,350	33,562	32,917	33,217	8g	33,974	33,694	33,324	33,124	32,747	32,475
	1,5	5H	34,000	33,026	33,186	32,376	32,612	4h	34,000	33,850	33,026	32,931	32,160	31,957
	1,5	6H	34,000	33,026	33,226	32,376	32,676	6g	33,968	33,732	32,994	32,844	32,128	31,870
	1,5	7H	34,000	33,026	33,276	32,376	32,751	8g	33,968	33,593	32,994	32,758	32,128	31,784
	2	5H	34,000	32,701	32,881	31,835	32,135	4h	34,000	33,820	32,701	32,595	31,546	31,296
	2	6H	34,000	32,701	32,925	31,835	32,210	6g	33,962	33,682	32,663	32,493	31,508	31,194
	2	7H	34,000	32,701	32,981	31,835	32,310	8g	33,962	33,512	32,663	32,398	31,508	31,099
	3	5H	34,000	32,051	32,263	30,752	31,152	4h	34,000	33,764	32,051	31,926	30,319	29,978
	3	6H	34,000	32,051	32,316	30,752	31,252	6g	33,952	33,577	32,003	31,803	30,271	29,855
	3	7H	34,000	32,051	32,386	30,752	31,382	8g	33,952	33,352	32,003	31,688	30,271	29,740
34,5	0,5	5H	34,500	34,175	34,275	33,959	34,071	4h	34,500	34,433	34,175	34,115	33,887	33,791
	0,5	6H	34,500	34,175	34,300	33,959	34,099	6g	33,480	34,374	34,155	34,060	33,867	33,736
35	0,35	4H	35,000	34,773	34,844	34,621	34,684	4h	35,000	34,947	34,773	34,720	34,571	34,493
	0,35							6g	34,981	34,896	34,754	34,669	34,552	34,442
	0,5	5H	35,000	34,675	34,775	34,459	34,571	4h	35,000	34,933	34,675	34,615	34,387	34,291
	0,5	6H	35,000	34,675	34,800	34,459	34,599	6g	34,980	34,874	34,655	34,560	34,367	34,236
	0,75	5H	35,000	34,513	34,631	34,188	34,338	4h	35,000	34,910	34,513	34,442	34,080	33,955
	0,75	6H	35,000	34,513	34,663	34,188	34,378	6g	34,978	34,838	34,491	34,379	34,058	33,892
	0,75	7H	35,000	34,513	34,703	34,188	34,424							
	1	5H	35,000	34,350	34,482	33,917	34,107	4h	35,000	34,888	34,350	34,270	33,773	33,621
	1	6H	35,000	34,350	34,520	33,917	34,153	6g	34,974	34,794	34,324	34,199	33,747	33,550
	1	7H	35,000	34,350	34,562	33,917	34,217	8g	34,974	34,694	34,324	34,124	33,747	33,475
	1,5	5H	35,000	34,026	34,186	33,376	33,612	4h	35,000	34,850	34,026	33,931	33,160	32,957
	1,5	6H	35,000	34,026	34,226	33,376	33,676	6g	34,968	34,732	33,994	33,844	33,128	32,870
	1,5	7H	35,000	34,026	34,276	33,376	33,751	8g	34,968	34,593	33,994	33,758	33,128	32,784
	2	5H	35,000	33,701	33,881	32,835	33,135	4h	35,000	34,820	33,701	33,595	32,546	32,296
	2	6H	35,000	33,701	33,925	32,835	33,210	6g	34,962	34,682	33,663	33,493	32,508	32,194
	2	7H	35,000	33,701	33,981	32,835	33,310	8g	34,962	34,512	33,663	33,398	32,508	32,099
	3	5H	35,000	33,051	33,263	31,752	32,152	4h	35,000	34,764	33,051	32,926	31,319	30,978
	3	6H	35,000	33,051	33,316	31,752	32,252	6g	34,952	34,577	33,003	32,803	31,271	30,855
	3	7H	35,000	33,051	33,386	31,752	32,382	8g	34,952	34,352	33,003	32,688	31,271	30,740
35,5	0,5	5H	35,500	35,175	35,275	34,959	35,071	4h	35,500	35,433	35,175	35,115	34,887	34,791
	0,5	6H	35,500	35,175	35,300	34,959	35,099	6g	35,480	35,374	35,155	35,060	34,867	34,736
36	0,35	4H	36,000	35,773	35,844	35,621	35,684	4h	36,000	35,947	35,773	35,720	35,571	35,493
	0,35							6g	35,981	35,896	35,754	35,669	35,552	35,442
	0,5	5H	36,000	35,675	35,775	35,459	35,571	4h	36,000	35,933	35,675	35,615	35,387	35,291
	0,5	6H	36,000	35,675	35,800	35,459	35,599	6g	35,980	35,874	35,655	35,560	35,367	35,236
	0,75	5H	36,000	35,513	35,631	35,188	35,338	4h	36,000	35,910	35,513	35,442	35,080	34,955
	0,75	6H	36,000	35,513	35,663	35,188	35,378	6g	35,978	35,838	35,491	35,379	35,058	34,892
	0,75	7H	36,000	35,513	35,703	35,188	35,424							
	1	5H	36,000	35,350	35,482	34,917	35,107	4h	36,000	35,888	35,350	35,270	34,773	34,621
	1	6H	36,000	35,350	35,520	34,917	35,153	6g	35,974	35,794	35,324	35,199	34,747	34,550
	1	7H	36,000	35,350	35,562	34,917	35,217	8g	35,974	35,694	35,324	35,124	34,747	34,475

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
	1,5	5H	36,000	35,026	35,186	34,376	34,612	4h	36,000	35,850	35,026	34,931	34,160	33,957
	1,5	6H	36,000	35,026	35,226	34,376	34,676	6g	35,968	35,732	34,994	34,844	34,128	33,870
	1,5	7H	36,000	35,026	35,276	34,376	34,751	8g	35,968	35,593	34,994	34,758	34,128	33,784
	2	5H	36,000	34,701	34,881	33,835	34,135	4h	36,000	35,820	34,701	34,595	33,546	33,296
36	2	6H	36,000	34,701	34,925	33,835	34,210	6g	35,962	35,682	34,663	34,493	33,508	33,194
	2	7H	36,000	34,701	34,981	33,835	34,310	8g	35,962	35,512	34,663	34,398	33,508	33,099
	3	5H	36,000	34,051	34,263	32,752	33,152	4h	36,000	35,764	34,051	33,926	32,319	31,978
	3	6H	36,000	34,051	34,316	32,752	33,252	6g	35,952	35,577	34,003	33,803	32,271	31,855
	3	7H	36,000	34,051	34,386	32,752	33,382	8g	35,952	35,352	34,003	33,688	32,271	31,740
36,5	0,5	5H	36,500	36,175	36,275	35,959	36,071	4h	36,500	36,433	36,175	36,115	35,887	35,791
	0,5	6H	36,500	36,175	36,300	35,959	36,099	6g	36,480	36,374	36,155	36,060	35,867	35,736
	0,35	4H	37,000	36,773	36,844	36,621	36,684	4h	37,000	36,947	36,773	36,720	36,571	36,493
	0,35							6g	36,981	36,896	36,754	36,669	36,552	36,442
	0,5	5H	37,000	36,675	36,775	36,459	36,571	4h	37,000	36,933	36,675	36,615	36,387	36,291
	0,5	6H	37,000	36,675	36,800	36,459	36,599	6g	36,980	36,874	36,655	36,560	36,367	36,236
	0,75	5H	37,000	36,513	36,631	36,188	36,338	4h	37,000	36,910	36,513	36,442	36,080	35,955
	0,75	6H	37,000	36,513	36,663	36,188	36,378	6g	36,978	36,838	36,491	36,379	36,058	35,892
37	0,75	7H	37,000	36,513	36,703	36,188	36,424							
	1	5H	37,000	36,350	36,482	35,917	36,107	4h	37,000	36,888	36,350	36,270	35,773	35,621
	1	6H	37,000	36,350	36,520	35,917	36,153	6g	36,974	36,794	36,324	36,199	35,747	35,550
	1	7H	37,000	36,350	36,562	35,917	36,217	8g	36,974	36,694	36,324	36,124	35,747	35,475
	1,5	5H	37,000	36,026	36,186	35,376	35,612	4h	37,000	36,850	36,026	35,931	35,160	34,957
	1,5	6H	37,000	36,026	36,226	35,376	35,676	6g	36,968	36,732	35,994	35,844	35,128	34,870
	1,5	7H	37,000	36,026	36,276	35,376	35,751	8g	36,968	36,593	35,994	35,758	35,128	34,784
37,5	0,5	5H	37,500	37,175	37,275	36,959	37,071	4h	37,500	37,433	37,175	37,115	36,887	36,791
	0,5	6H	37,500	37,175	37,300	36,959	37,099	6g	37,480	37,374	37,155	37,060	36,867	36,736
	0,35	4H	38,000	37,773	37,844	37,621	37,684	4h	38,000	37,947	37,773	37,720	37,571	37,493
	0,35							6g	37,981	37,896	37,754	37,669	37,552	37,442
	0,5	5H	38,000	37,675	37,775	37,459	37,571	4h	38,000	37,933	37,675	37,615	37,387	37,291
	0,5	6H	38,000	37,675	37,800	37,459	37,599	6g	37,980	37,874	37,655	37,560	37,367	37,236
	0,75	5H	38,000	37,513	37,631	37,188	37,338	4h	38,000	37,910	37,513	37,442	37,080	36,955
	0,75	6H	38,000	37,513	37,663	37,188	37,378	6g	37,978	37,838	37,491	37,379	37,058	36,892
	0,75	7H	38,000	37,513	37,703	37,188	37,424							
	1	5H	38,000	37,350	37,482	36,917	37,107	4h	38,000	37,888	37,350	37,270	36,773	36,621
	1	6H	38,000	37,350	37,520	36,917	37,153	6g	37,974	37,794	37,324	37,199	36,747	36,550
38	1	7H	38,000	37,350	37,562	36,917	37,217	8g	37,974	37,694	37,324	37,124	36,747	36,475
	1,5	5H	38,000	37,026	37,186	36,376	36,612	4h	38,000	37,850	37,026	36,931	36,160	35,957
	1,5	6H	38,000	37,026	37,226	36,376	36,676	6g	37,968	37,732	36,994	36,844	36,128	35,870
	1,5	7H	38,000	37,026	37,276	36,376	36,751	8g	37,968	37,593	36,994	36,758	36,128	35,784
	2	5H	38,000	36,701	36,881	35,835	36,135	4h	38,000	37,820	36,701	36,595	35,546	35,296
	2	6H	38,000	36,701	36,925	35,835	36,210	6g	37,962	37,682	36,663	36,493	35,508	35,194
	2	7H	38,000	36,701	36,981	35,835	36,310	8g	37,962	37,512	36,663	36,398	35,508	35,099
	3	5H	38,000	36,051	36,263	34,752	35,152	4h	38,000	37,764	36,051	35,926	34,319	33,978
	3	6H	38,000	36,051	36,316	34,752	35,252	6g	37,952	37,577	36,003	35,803	34,271	33,855
	3	7H	38,000	36,051	36,386	34,752	35,382	8g	37,952	37,352	36,003	35,688	34,271	33,740
38,5	0,5	5H	38,500	38,175	38,275	37,959	38,071	4h	38,500	38,433	38,175	38,115	37,887	37,791
	0,5	6H	38,500	38,175	38,300	37,959	38,099	6g	38,480	38,374	38,155	38,060	37,867	37,736
	0,35	4H	39,000	38,773	38,844	38,621	38,684	4h	39,000	38,947	38,773	38,720	38,571	38,493
	0,35							6g	38,981	38,896	38,754	38,669	38,552	38,442
	0,5	5H	39,000	38,675	38,775	38,459	38,571	4h	39,000	38,933	38,675	38,615	38,387	38,291
39	0,5	6H	39,000	38,675	38,800	38,459	38,599	6g	38,980	38,874	38,655	38,560	38,367	38,236
	0,75	5H	39,000	38,513	38,631	38,188	38,338	4h	39,000	38,910	38,513	38,442	38,080	37,955
	0,75	6H	39,000	38,513	38,663	38,188	38,378	6g	38,978	38,838	38,491	38,379	38,058	37,892
	0,75	7H	39,000	38,513	38,703	38,188	38,424							

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde					Bolzengewinde					
		Toleranzfeld	Außendurchmesser D	Flankendurchmesser D_2		Kerndurchmesser D_1		Toleranzfeld	Außendurchmesser d		Flankendurchmesser d_2		Kerndurchmesser d_3	
			Kleinstmaß	Kleinstmaß	Größtmaß	Kleinstmaß	Größtmaß		Größtmaß	Kleinstmaß	Größtmaß	Kleinstmaß	Größtmaß	Kleinstmaß
39	1	5H	39,000	38,350	38,482	37,917	38,107	4h	39,000	38,888	38,350	38,270	37,773	37,621
	1	6H	39,000	38,350	38,520	37,917	38,153	6g	38,974	38,794	38,324	38,199	37,747	37,550
	1	7H	39,000	38,350	38,562	37,917	38,217	8g	38,974	38,694	38,324	38,124	37,747	37,475
	1,5	5H	39,000	38,026	38,186	37,376	37,612	4h	39,000	38,850	38,026	37,931	37,160	36,957
	1,5	6H	39,000	38,026	38,226	37,376	37,676	6g	38,968	38,732	37,994	37,844	37,128	36,870
	1,5	7H	39,000	38,026	38,276	37,376	37,751	8g	38,968	38,593	37,994	37,758	37,128	36,784
	2	5H	39,000	37,701	37,881	36,835	37,135	4h	39,000	38,820	37,701	37,595	36,546	36,296
	2	6H	39,000	37,701	37,925	36,835	37,210	6g	38,962	38,682	37,663	37,493	36,508	36,194
	2	7H	39,000	37,701	37,981	36,835	37,310	8g	38,962	38,512	37,663	37,398	36,508	36,099
	3	5H	39,000	37,051	37,263	35,752	36,152	4h	39,000	38,764	37,051	36,926	35,319	34,978
	3	6H	39,000	37,051	37,316	35,752	36,252	6g	38,952	38,577	37,003	36,803	35,271	34,855
	3	7H	39,000	37,051	37,386	35,752	36,382	8g	38,952	38,352	37,003	36,688	35,271	34,740
39,5	0,5	5H	39,500	39,175	39,275	38,959	39,071	4h	39,500	39,433	39,175	39,115	38,887	38,791
	0,5	6H	39,500	39,175	39,300	38,959	39,099	6g	39,480	39,374	39,155	39,060	38,867	38,736
40	0,35	4H	40,000	39,773	39,844	39,621	39,684	4h	40,000	39,947	39,773	39,720	39,571	39,493
	0,35							6g	39,981	39,896	39,754	39,669	39,552	39,442
	0,5	5H	40,000	39,675	39,775	39,459	39,571	4h	40,000	39,933	39,675	39,615	39,387	39,291
	0,5	6H	40,000	39,675	39,800	39,459	39,599	6g	39,980	39,895	39,655	39,560	39,367	39,236
	0,75	5H	40,000	39,513	39,631	39,188	39,338	4h	40,000	39,910	39,513	39,442	39,080	38,955
	0,75	6H	40,000	39,513	39,663	39,188	39,378	6g	39,978	39,838	39,491	39,379	39,058	38,892
	0,75	7H	40,000	39,513	39,703	39,188	39,424							
	1	5H	40,000	39,350	39,482	38,917	39,107	4h	40,000	39,888	39,350	39,270	38,773	38,621
	1	6H	40,000	39,350	39,520	38,917	39,153	6g	39,974	39,794	39,324	39,199	38,747	38,550
	1	7H	40,000	39,350	39,562	38,917	39,217	8g	39,974	39,694	39,324	39,124	38,747	38,475
	1,5	5H	40,000	39,026	39,186	38,376	38,612	4h	40,000	39,850	39,026	38,931	38,160	37,957
	1,5	6H	40,000	39,026	39,226	38,376	38,676	6g	39,968	39,732	38,994	38,844	38,128	37,870
	1,5	7H	40,000	39,026	39,276	38,376	38,751	8g	39,968	39,593	38,994	38,758	38,128	37,784
	2	5H	40,000	38,701	38,881	37,835	38,135	4h	40,000	39,820	38,701	38,595	37,546	37,296
	2	6H	40,000	38,701	38,925	37,835	38,210	6g	39,962	39,682	38,663	38,493	37,508	37,154
	2	7H	40,000	38,701	38,981	37,835	38,310	8g	39,962	39,512	38,663	38,398	37,508	37,099
	3	5H	40,000	38,051	38,263	36,752	37,152	4h	40,000	39,764	38,051	37,926	36,319	35,978
	3	6H	40,000	38,051	38,316	36,752	37,252	6g	39,952	39,577	38,003	37,803	36,271	35,855
	3	7H	40,000	38,051	38,386	36,752	37,382	8g	39,952	39,352	38,003	37,688	36,271	35,740
	4	5H	40,000	37,402	37,638	35,670	36,145	4h	40,000	39,700	37,402	37,262	35,093	34,665
	4	6H	40,000	37,402	37,702	35,670	36,270	6g	39,940	39,465	37,342	37,118	35,033	34,521
	4	7H	40,000	37,402	37,777	35,670	36,420	8g	39,940	39,190	37,342	36,987	35,033	34,390
40,5	0,5	5H	40,500	40,175	40,275	39,959	40,071	4h	40,500	40,433	40,175	40,115	39,887	39,791
	0,5	6H	40,500	40,175	40,300	39,959	40,099	6g	40,480	40,374	40,155	40,060	39,867	39,736
41	0,5	5H	41,000	40,675	40,775	40,459	40,571	4h	41,000	40,933	40,675	40,615	40,387	40,291
	0,5	6H	41,000	40,675	40,800	40,459	40,599	6g	40,980	40,874	40,655	40,560	40,367	40,236
	0,75	5H	41,000	40,513	40,631	40,188	40,338	4h	41,000	40,910	40,513	40,442	40,080	39,955
	0,75	6H	41,000	40,513	40,663	40,188	40,378	6g	40,978	40,838	40,491	40,379	40,058	39,892
	0,75	7H	41,000	40,513	40,703	40,188	40,424							
41,5	0,5	5H	41,500	41,175	41,275	40,959	41,071	4h	41,500	41,433	41,175	41,115	40,887	40,791
	0,5	6H	41,500	41,175	41,300	40,959	41,099	6g	41,480	41,374	41,155	41,060	40,867	40,736
42	0,35	4H	42,000	41,773	41,844	41,621	41,684	4h	42,000	41,947	41,773	41,720	41,571	41,493
	0,35							6g	41,981	41,896	41,754	41,669	41,552	41,442
	0,5	5H	42,000	41,675	41,775	41,459	41,571	4h	42,000	41,933	41,675	41,615	41,387	41,291
	0,5	6H	42,000	41,675	41,800	41,459	41,599	6g	41,980	41,874	41,655	41,560	41,367	41,236
	0,75	5H	42,000	41,513	41,631	41,188	41,338	4h	42,000	41,910	41,513	41,442	41,080	40,955
	0,75	6H	42,000	41,513	41,663	41,188	41,378	6g	41,978	41,838	41,491	41,379	41,058	40,892
	0,75	7H	42,000	41,513	41,703	41,188	41,424							
	1	5H	42,000	41,350	41,482	40,917	41,107	4h	42,000	41,888	41,350	41,270	40,773	40,621
	1	6H	42,000	41,350	41,520	40,917	41,153	6g	41,974	41,794	41,324	41,199	40,747	40,550
	1	7H	42,000	41,350	41,562	40,917	41,217	8g	41,974	41,694	41,324	41,124	40,747	40,475

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
42	1,5	5H	42,000	41,026	41,186	40,376	40,612	4h	42,000	41,850	41,026	40,931	40,160	39,957
	1,5	6H	42,000	41,026	41,226	40,376	40,676	6g	41,968	41,732	40,994	40,844	40,128	39,870
	1,5	7H	42,000	41,026	41,276	40,376	40,751	8g	41,968	41,593	40,994	40,758	40,128	39,784
	2	5H	42,000	40,701	40,881	39,835	40,135	4h	42,000	41,820	40,701	40,595	39,546	39,296
	2	6H	42,000	40,701	40,925	39,835	40,210	6g	41,962	41,682	40,663	40,493	39,508	39,194
	2	7H	42,000	40,701	40,981	39,835	40,310	8g	41,962	41,512	40,663	40,398	39,508	39,099
	3	5H	42,000	40,051	40,263	38,752	39,152	4h	42,000	41,764	40,051	39,926	38,319	37,978
	3	6H	42,000	40,051	40,316	38,752	39,252	6g	41,952	41,577	40,003	39,803	38,271	37,855
	3	7H	42,000	40,051	40,386	38,752	39,382	8g	41,952	41,352	40,003	39,688	38,271	37,740
	4	5H	42,000	39,402	39,638	37,670	38,145	4h	42,000	41,720	39,402	39,262	37,093	36,665
	4	6H	42,000	39,402	39,702	37,670	38,270	6g	41,940	41,490	39,342	39,118	37,033	36,521
	4	7H	42,000	39,402	39,777	37,670	38,420	8g	41,940	41,220	39,342	38,987	37,033	36,390
42,5	0,5	5H	42,500	42,175	42,275	41,959	42,071	4h	42,500	42,433	42,175	42,115	41,887	41,791
	0,5	6H	42,500	42,175	42,300	41,959	42,099	6g	42,480	42,374	42,155	42,060	41,867	41,736
43	0,5	5H	43,000	42,675	42,775	42,459	42,571	4h	43,000	42,933	42,675	42,615	42,387	42,291
	0,5	6H	43,000	42,675	42,800	42,459	42,599	6g	42,980	42,874	42,655	42,560	42,367	42,236
	0,75	5H	43,000	42,513	42,631	42,188	42,338	4h	43,000	42,910	42,513	42,442	42,080	41,955
	0,75	6H	43,000	42,513	42,663	42,188	42,378	6g	42,978	42,838	42,491	42,379	42,058	41,892
	0,75	7H	43,000	42,513	42,703	42,188	42,424							
43,5	0,5	5H	43,500	43,175	43,275	42,959	43,071	4h	43,500	43,433	43,175	43,115	42,887	42,791
	0,5	6H	43,500	43,175	43,300	42,959	43,099	6g	43,480	43,374	43,155	43,060	42,867	42,736
44	0,5	5H	44,000	43,675	43,775	43,459	43,571	4h	44,000	43,933	43,675	43,615	43,387	43,291
	0,5	6H	44,000	43,675	43,800	43,459	43,599	6g	43,980	43,874	43,655	43,560	43,367	43,236
	0,75	5H	44,000	43,513	43,631	43,188	43,338	4h	44,000	43,910	43,513	43,442	43,080	42,955
	0,75	6H	44,000	43,513	43,663	43,188	43,378	6g	43,978	43,838	43,491	43,379	43,058	42,892
	0,75	7H	44,000	43,513	43,703	43,188	43,424							
	1	5H	44,000	43,350	43,482	42,917	43,107	4h	44,000	43,888	43,350	43,270	42,773	42,621
	1	6H	44,000	43,350	43,520	42,917	43,153	6g	43,974	43,794	43,324	43,199	42,747	42,550
	1	7H	44,000	43,350	43,562	42,917	43,217	8g	43,974	43,694	43,324	43,124	42,747	42,475
44,5	0,5	5H	44,500	44,175	44,275	43,959	44,071	4h	44,500	44,433	44,175	44,115	43,887	43,791
	0,5	6H	44,500	44,175	44,300	43,959	44,099	6g	44,480	44,395	44,155	44,060	43,867	43,736
45	0,35	4H	45,000	44,773	44,844	44,621	44,684	4h	45,000	44,947	44,773	44,720	44,571	44,493
	0,35							6g	44,981	44,896	44,754	44,669	44,552	44,442
	0,5	5H	45,000	44,675	44,775	44,459	44,571	4h	45,000	44,933	44,675	44,615	44,387	44,291
	0,5	6H	45,000	44,675	44,800	44,459	44,599	6g	44,980	44,874	44,655	44,560	44,367	44,236
	0,75	5H	45,000	44,513	44,631	44,188	44,338	4h	45,000	44,910	44,513	44,442	44,080	43,955
	0,75	6H	45,000	44,513	44,663	44,188	44,378	6g	44,978	44,838	44,491	44,379	44,058	43,892
	0,75	7H	45,000	44,513	44,703	44,188	44,424							
	1	5H	45,000	44,350	44,482	43,917	44,107	4h	45,000	44,888	44,350	44,270	43,773	43,621
	1	6H	45,000	44,350	44,520	43,917	44,153	6g	44,974	44,794	44,324	44,199	43,747	43,550
	1	7H	45,000	44,350	44,562	43,917	44,217	8g	44,974	44,694	44,324	44,124	43,747	43,475
	1,5	5H	45,000	44,026	44,126	43,376	43,612	4h	45,000	44,850	44,026	43,931	43,160	42,957
	1,5	6H	45,000	44,026	44,226	43,376	43,676	6g	44,968	44,732	43,994	43,844	43,128	42,870
	1,5	7H	45,000	44,026	44,276	43,376	43,751	8g	44,968	44,593	43,994	43,758	43,128	42,784
	2	5H	45,000	43,701	43,881	42,835	43,135	4h	45,000	44,820	43,701	43,595	42,546	42,296
	2	6H	45,000	43,701	43,925	42,835	43,210	6g	44,962	44,682	43,663	43,493	42,508	42,194
	2	7H	45,000	43,701	40,981	42,835	43,310	8g	44,962	44,512	43,663	43,398	42,508	42,099
	3	5H	45,000	43,051	43,263	41,752	42,152	4h	45,000	44,764	43,051	42,926	41,319	40,978
	3	6H	45,000	43,051	43,316	41,752	42,252	6g	44,952	44,577	43,003	42,803	41,271	40,855
	3	7H	45,000	43,051	43,386	41,752	42,382	8g	44,952	44,352	43,003	42,688	41,271	40,740
	4	5H	45,000	42,402	42,638	40,670	41,145	4h	45,000	44,720	42,402	42,262	40,093	39,665
	4	6H	45,000	42,402	42,702	40,670	41,270	6g	44,940	44,490	42,342	42,118	40,033	39,521
	4	7H	45,000	42,402	42,777	40,670	41,420	8g	44,940	44,220	42,342	41,987	40,033	39,390
45,5	0,5	5H	45,500	45,175	45,287	44,959	45,071	4h	45,500	45,433	45,175	45,108	44,887	44,784
	0,5							6g	45,480	45,374	45,155	45,049	44,867	44,725

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
46	0,5	5H	46,000	45,675	45,787	45,459	45,571	4h	46,000	45,933	45,675	45,608	45,387	45,284
	0,5							6g	45,980	45,874	45,655	45,549	45,367	45,225
	0,75	5H	46,000	45,513	45,638	45,188	45,338	4h	46,000	45,910	45,513	45,438	45,080	44,951
	0,75	6H	46,000	45,513	45,673	45,188	45,378	6g	45,978	45,838	45,491	45,373	45,058	44,886
46,5	0,5	5H	46,500	46,175	46,287	45,959	46,071	4h	46,500	46,433	46,175	46,108	45,887	45,784
	0,5							6g	46,480	46,395	46,175	46,049	45,867	45,725
47	0,5	5H	47,000	46,675	46,787	46,459	46,571	4h	47,000	46,933	46,675	46,608	46,387	46,284
	0,5							6g	46,980	46,874	46,655	46,549	46,367	46,225
	0,75	5H	47,000	46,513	46,638	46,188	46,338	4h	47,000	46,910	46,513	46,438	46,080	45,951
	0,75	6H	47,000	46,513	46,673	46,188	46,378	6g	46,978	46,838	46,491	46,373	46,058	45,886
47,5	0,5	5H	47,500	47,175	47,287	46,959	47,071	4h	47,500	47,433	47,175	47,108	46,887	46,784
	0,5							6g	47,480	47,374	47,155	47,049	46,867	46,725
48	0,35	4H	48,000	47,773	47,848	47,621	47,684	4h	48,000	47,947	47,773	47,717	47,571	47,490
	0,5	5H	48,000	47,675	47,787	47,459	47,571	4h	48,000	47,933	47,675	47,608	47,387	47,284
	0,5							6g	47,980	47,895	47,655	47,549	47,367	47,225
	0,75	5H	48,000	47,513	47,638	47,188	47,338	4h	48,000	47,910	47,513	47,438	47,080	46,951
	0,75	6H	48,000	47,513	47,673	47,188	47,378	6g	47,978	47,838	47,491	47,373	47,058	46,886
	1	5H	48,000	47,350	47,490	46,917	47,107	4h	48,000	47,888	47,350	47,260	46,773	46,611
	1	6H	48,000	47,350	47,530	46,917	47,153	6g	47,974	47,794	47,324	47,184	46,747	46,535
	1	7H	48,000	47,350	47,574	46,917	47,217	8g	47,974	47,694	47,324	47,100	46,747	46,451
	1,5	5H	48,000	47,026	47,196	46,376	46,612	4h	48,000	47,850	47,026	46,926	46,160	45,952
	1,5	6H	48,000	47,026	47,238	46,376	46,676	6g	47,968	47,732	46,994	46,834	46,128	45,860
	1,5	7H	48,000	47,026	47,291	46,376	46,751	8g	47,968	47,593	46,994	46,744	46,128	45,770
	2	5H	48,000	46,701	46,891	45,835	46,135	4h	48,000	47,820	46,701	46,589	45,546	45,290
	2	6H	48,000	46,701	46,937	45,835	46,210	6g	47,962	47,682	46,663	46,483	45,508	45,184
	2	7H	48,000	46,701	47,001	45,835	46,310	8g	47,962	47,512	46,663	46,383	45,508	45,084
	3	5H	48,000	46,051	46,275	44,752	45,152	4h	48,000	47,764	46,051	45,919	44,319	43,971
	3	6H	48,000	46,051	46,331	44,752	45,252	6g	47,952	47,577	46,003	45,791	44,271	43,843
	3	7H	48,000	46,051	46,406	44,752	45,382	8g	47,952	47,352	46,003	45,668	44,271	43,720
	4	5H	48,000	45,402	45,652	43,670	44,145	4h	48,000	47,720	45,402	45,252	43,093	42,655
	4	6H	48,000	45,402	45,717	43,670	44,270	6g	47,940	47,456	45,342	45,106	43,033	42,509
	4	7H	48,000	45,402	45,802	43,670	44,420	8g	47,940	47,220	45,342	44,967	43,033	42,370
48,5	0,5	5H	48,500	48,175	48,287	47,959	48,071	4h	48,500	48,433	48,175	48,108	47,887	47,784
	0,5							6g	48,480	48,374	48,155	48,049	47,867	47,725
49	0,5	5H	49,000	48,675	48,787	48,459	48,571	4h	49,000	48,933	48,675	48,608	48,387	48,284
	0,5							6g	48,980	48,874	48,655	48,549	48,367	48,225
	0,75	5H	49,000	48,513	48,638	48,188	48,338	4h	49,000	48,910	48,513	48,438	48,080	47,951
	0,75	6H	49,000	48,513	48,673	48,188	48,378	6g	48,978	48,838	48,491	48,373	48,058	47,886
49,5	0,5	5H	49,500	49,175	49,287	48,959	49,071	4h	49,500	49,433	49,175	49,108	48,887	48,784
	0,5							6g	49,480	49,374	49,155	49,049	48,867	48,725
50	0,35	4H	50,000	49,773	49,848	49,621	49,684	4h	50,000	49,947	49,773	49,717	49,571	49,490
	0,5	5H	50,000	49,675	49,787	49,459	49,571	4h	50,000	49,933	49,675	49,608	49,387	49,284
	0,5							6g	49,980	49,874	49,655	49,549	49,367	49,225
	0,75	5H	50,000	49,513	49,638	49,188	49,338	4h	50,000	49,910	49,513	49,438	49,080	48,951
	0,75	6H	50,000	49,513	49,673	49,188	49,378	6g	49,978	49,838	49,491	49,373	49,058	48,886
	1	5H	50,000	49,350	49,490	48,917	49,107	4h	50,000	49,888	49,350	49,260	48,773	48,611
	1	6H	50,000	49,350	49,530	48,917	49,153	6g	49,974	49,794	49,324	49,184	48,747	48,535
	1	7H	50,000	49,350	49,574	48,917	49,217	8g	49,974	49,694	49,324	49,100	48,747	48,457
	1,5	5H	50,000	49,026	49,196	48,376	48,612	4h	50,000	49,850	49,026	48,926	48,160	47,952
	1,5	6H	50,000	49,026	49,238	48,376	48,676	6g	49,968	49,732	48,994	48,834	48,128	47,860
	1,5	7H	50,000	49,026	49,291	48,376	48,751	8g	49,968	49,593	48,994	48,744	48,128	47,770
	2	5H	50,000	48,701	48,891	47,835	48,135	4h	50,000	49,820	48,701	48,589	47,546	47,290
	2	6H	50,000	48,701	48,937	47,835	48,210	6g	49,962	49,682	48,663	48,483	47,508	47,184
	2	7H	50,000	48,701	49,001	47,835	48,310	8g	49,962	49,512	48,663	48,383	47,508	47,084

47,465

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
50	3	5H	50,000	48,051	48,275	46,752	47,152	4h	50,000	49,764	48,051	47,919	46,319	45,971
	3	6H	50,000	48,051	48,331	46,752	47,252	6g	49,952	49,577	48,003	47,794	46,271	45,843
	3	7H	50,000	48,051	48,406	46,752	47,382	8g	49,952	49,352	48,003	47,668	46,271	45,720
	4	5H	50,000	47,402	47,652	45,670	46,145	4h	50,000	49,700	47,402	47,252	45,093	44,655
	4	6H	50,000	47,402	47,717	45,670	46,270	6g	49,940	49,465	47,342	47,106	45,033	44,509
	4	7H	50,000	47,402	47,802	45,670	46,420	8g	49,940	49,190	47,342	46,967	45,033	44,370
51	0,5	5H	51,000	50,675	50,787	50,459	50,571	4h	51,000	50,933	50,675	50,608	50,387	50,284
	0,5							6g	50,980	50,674	50,655	50,549	50,367	50,225
	0,75	5H	51,000	50,513	50,638	50,188	50,338	4h	51,000	50,910	50,513	50,438	50,080	49,951
	0,75	6H	51,000	50,513	50,673	50,188	50,378	6g	50,978	50,638	50,491	50,373	50,058	49,886
52	0,5	5H	52,000	51,675	51,787	51,459	51,571	4h	52,000	51,933	51,675	51,608	51,387	51,284
	0,5							6g	51,980	51,674	51,655	51,549	51,267	51,225
	0,75	5H	52,000	51,513	51,638	51,188	51,338	4h	52,000	51,910	51,513	51,438	51,080	50,951
	0,75	6H	52,000	51,513	51,673	51,188	51,378	6g	51,978	51,638	51,491	51,373	51,058	50,886
	1	5H	52,000	51,350	51,490	50,917	51,107	4h	52,000	51,883	51,350	51,260	50,773	50,611
	1	6H	52,000	51,350	51,530	50,917	51,153	6g	51,974	51,734	51,324	51,184	50,747	50,535
	1	7H	52,000	51,350	51,574	50,917	51,217	8g	51,974	51,694	51,324	51,100	50,747	50,457
	1,5	5H	52,000	51,026	51,196	50,376	50,612	4h	52,000	51,850	51,026	50,926	50,160	49,962
	1,5	6H	52,000	51,026	51,238	50,376	50,676	6g	51,968	51,732	50,994	50,834	50,128	49,869
	1,5	7H	52,000	51,026	51,291	50,376	50,751	8g	51,968	51,593	50,994	50,744	50,128	49,770
	2	5H	52,000	50,701	50,891	49,835	50,135	4h	52,000	51,820	50,701	50,582	49,546	49,250
	2	6H	52,000	50,701	50,937	49,835	50,210	6g	51,962	51,682	50,663	50,483	49,508	49,184
	2	7H	52,000	50,701	51,001	49,835	50,310	8g	51,962	51,512	50,663	50,383	49,508	49,084
	3	5H	52,000	50,051	50,275	48,752	49,152	4h	52,000	51,784	50,051	49,919	48,319	47,971
	3	6H	52,000	50,051	50,331	48,752	49,252	6g	51,952	51,577	50,003	49,791	48,271	47,843
	3	7H	52,000	50,051	50,406	48,752	49,382	8g	51,952	51,352	50,003	49,668	48,271	47,720
	4	5H	52,000	49,402	49,652	47,670	48,145	4h	52,000	51,720	49,402	49,252	47,093	46,655
	4	6H	52,000	49,402	49,717	47,670	48,270	6g	51,940	51,490	49,342	49,106	47,033	46,509
	4	7H	52,000	49,402	49,802	47,670	48,420	8g	51,940	51,220	49,342	48,967	47,033	46,370

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